



REVIT MANUAL

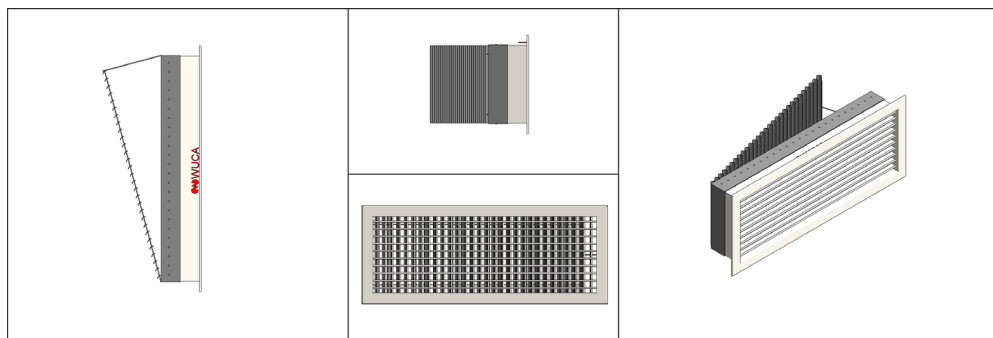
Wall diffuser

WUAA | WUBA | WUCA



SUMMARISED REVIT BIM MANUAL SOLID AIR MODELS

SUMMARISED MANUAL REVIT BIM-MODELS SOLID AIR



Text	
SACS_Warning_Text_Flow	
SACS_Warning_Text_Ploss	Pressure loss over requeste...
SACS_Warning_Text_Size	
SACS_Warning_Text_Sound	Sound over requested value
SACS_Warning_Text_Other	
Materials and Finishes	
SACS_Color	Anodised aluminium (stan...
SACS_Face_Color	NLRS_57_raI9010_gen_sacs
Dimensions	
Minimum size	225 x 85
Maximum size	1225 x 425
SACS_Width	625.0
SACS_Height	225.0
NLRS_M_c01_breedte	625.0
NLRS_M_c01_hoogte	225.0
SACS_Size_check	
Size	625 x 225
Mechanical	
SACS_Primary_Air_Temperature	16.00 °C
SACS_Room_Temperature	25.00 °C
SACS_Max_Lp_dBA	28
SACS_Max_Ploss	35.00 Pa
SACS_Cooling_Capacity	6041.00 W
SACS_Heating_Capacity	0.00 W

Warnings when outcomes are outside the given threshold values.

Used color for diffuser.
Material to apply color to.

Nominal width of the penthouse louvre.
Nominal length of the penthouse louvre.

Is the entered size valid and standard?

Design temperature air*.
Design temperature in room*.
Maximum allowed sound production.
Maximum allowed static pressure loss.
Cooling capacity of selection*.
Heating capacity of selection*.

Mechanical - Flow	
NLRS_M_c01_debiet	2000.0000 m³/h
SACS_Nominal_Min_Flow	720.0000 m³/h
SACS_Nominal_Max_Flow	2160.0000 m³/h
NLRS_M_c01_drukverlies_statisch	112.00 Pa
SACS_Lp_DbA	30
SACS_Throw	19096.0
Identity Data	
NLRS_C_model	WUCABO 625 x 225
NLRS_C_description	Solid Air wall diffuser WUC...
NLRS_C_materiaal_kleur	Anodised aluminium (stan...
SACS_Article_Code	8301001933
SACS_Gross_Cost	270.00
SACS_Price_Date	01-04-2021
Model Properties	
SACS_Option_1	Flange 32 mm, fixed core
SACS_Option_2	Damper and deflectrol
Flow Pattern (1-4)	1
Flow Option	Straight (standard)
Color Option (1-3)	1
SACS_Standard_Color	☒
SACS_Color_Ral	☒
Color Option	None
SACS_Custom_Color	
SACS_Damper_open_%	100
Visibility	
SACS_Show_Throw	☐
SACS_Warning_Disabled	☒

Air flow**.

Lower threshold application range volume**.

Upper threshold application range volume**.

Static pressure loss at airflow**.

Sound power level at airflow**.

Throw selected volume*.

Article name selected diffuser.

Used color.

Order number***.

Gross price***.

Validity date price.

Selected air pattern*.

Use default color (if checked).
version in custom RAL color.

Used custom color.

Damper position.

Show air pattern and arrows*.

Hide warning on model.

Notes

*These values are only available for a supply diffuser.

**The assumed room attenuation for the sound pressure is 10 dB. The values are only shown for wall diffusers in the preferred range. For the throw, a value outside the nominal range is shown, but as the deviation increases the reliability reduces. For the design we recommend always using a standard size. When the use of a standard size is not possible, the value may be determined manually with interpolation. However, in that case we recommend you always contact one of our advisers. The values for sound and pressure loss are based on a fully opened volume unit and a straight discharge pattern.

***The order number is only given when it concerns a standard product with a standard color. In terms of the price, the color-change surcharge is not included in the gross price. The price of the color itself is included in the price.

Design guidelines for fitting

Position the wall diffusers symmetrically in the room and do not blow supply air towards the external wall but towards the internal area. Prevent obstacles on the ceiling in the throw area that may disrupt the throw pattern.

When the supply diffuser is positioned up to 30 cm (top of diffuser) below the ceiling, it is recommended to set the pattern 5 degrees up. For a distance between 30 cm and 60 cm, the advice is to set the pattern 15 degrees up. That is also the reason why the recommendation is to use the WUCA type for a supply situation.

Widths are available in increments of 20 mm for WUCA and WUBA and in increments of 5 mm for WUAA. The heights are available in increments of 20 mm for WUCA and WUAA and in increments of 5 mm for WUBA.

Accessories

For static situations and up to a size of 625x325 mm, an optional separate click frame (WOOOKO) is available. At the moment, there is no model available for that.



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